

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A drive device for providing access to a record carrier ~~(10)~~, said drive device ~~(30)~~ comprising access means ~~(20)~~ for providing at least one of a read access and a write access to at least one predetermined parameter written on a predetermined navigation area ~~(DN)~~ on said record carrier ~~(10)~~, said at least one predetermined parameter specifying at least one of a logical format and an application format used on said record carrier ~~(10)~~, wherein said access means is arranged to write to said navigation area a location information of data accessed at a rate higher than an access pattern information for sequential data retrieval.

2. (Currently Amended) A The device according to claim 1, wherein said at least one predetermined parameter comprises a disc

descriptor information ~~(DD)~~—for specifying at least one of an identification of said record carrier, a type of said record carrier, and parameters applying to said record carrier as a whole.

3. (Currently Amended) A The device according to claim 1, wherein said at least one predetermined parameter comprises a partition descriptor information ~~(PD)~~—for specifying at least one of a nature of each partition on said record carrier, a type of each partition on said record carrier, a space associated with each partition on said record carrier, a fragment allocation to each partition on said record carrier, and specific rules for recording on each partition on said record carrier.

4. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~—is configured to provide at least one of a read access and a write access to an application use area ~~(AUA)~~—provided in said navigation area for storing an application specific information available to at least one of a physical layer, a logical layer and an application layer of said drive device—~~(30)~~.

5. (Currently Amended) A The device according to claim 1, wherein said at least one parameter of said navigation area ~~(DN)~~ is accessible by at least one of a logical layer and an application layer of said drive device ~~(30)~~ by using a predetermined access command.

6. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to provide a caching function for caching at least a part of the information provided on said navigation area.

7. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to use pointers stored in said navigation area ~~(DN)~~ for partitioning said record carrier ~~(10)~~ into separate areas.

8. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to use said navigation area ~~(DN)~~ for determining the location of a starting address number in the logical address space for said record carrier ~~(10)~~ as a

whole or for a specific application.

9. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to use said navigation area ~~(DN)~~ for reserving space in a program area of said record carrier ~~(10)~~ for specific file systems, allocation classes or applications.

10. (Currently Amended) A The device according to claim 9, wherein said access means ~~(20)~~ is arranged to use said navigation area ~~(DN)~~ for assigning properties or attributes to said reserved space.

11. (Currently Amended) A The device according to claim 9, wherein said access means ~~(20)~~ is arranged to use said navigation area ~~(DN)~~ for providing pointers into said reserved space and room for application specific data.

12. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to use pointers stored

in said navigation area ~~(DN)~~ for applying a seeking function.

13. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to use said navigation area ~~(DN)~~ for selecting an application class for an application.

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15. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to use a dynamic partitioning for defining areas in said navigation area ~~(DN)~~.

16. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to apply a volume-based rights management to sessions of an information area ~~(IA)~~ of said record carrier ~~(10)~~.

17. (Currently Amended) A The device according to claim 1, wherein said access means ~~(20)~~ is arranged to apply a volume-based, partition-based or fragment-based defect management to sessions of

an information area ~~(IA)~~ of said record carrier ~~(10)~~.

18. (Currently Amended) ~~A~~ The device according to claim 1, wherein said drive device is a removable drive device ~~(30)~~ for an optical disc ~~(10)~~.

19. (Currently Amended) ~~A~~ The device according to claim 1, wherein said drive device ~~(30)~~ comprises a standard interface ~~(32)~~ for storage devices.

20. (Currently Amended) ~~A~~ The device according to claim 19, wherein said standard interface ~~(32)~~ is a PCMCIA, Compact Flash, Newcard, or MMCA interface.

21. (Currently Amended) A record carrier for storing data on an information area ~~(IA)~~ thereof, wherein said information area comprises a navigation area ~~(DN)~~ for storing at least one predetermined parameter specifying at least one of a logical format and an application format used on said record carrier ~~(10)~~, wherein said navigation area is accessible at a rate higher than an access

pattern information for sequential data retrieval.

22. (Currently Amended) A The record carrier according to claim 21, wherein said navigation area ~~(DN)~~ is arranged in a lead in area ~~(LI)~~ of said information area ~~(IA)~~.

23. (Currently Amended) A The record carrier according to claim 21, wherein sessions provided in said information area ~~(IA)~~ are written without separate lead-in and lead-out area.

24. (Currently Amended) A The record carrier according to claim 21, wherein sessions provided in said information area ~~(IA)~~ have a granularity of one fragment.

25. (Currently Amended) A The record carrier according to claim 21, wherein sessions provided in said information area ~~(IA)~~ have at least one of a varying size and a varying physical location.

26. (Currently Amended) A method of reading from or writing to

a record carrier ~~(10)~~, said method comprising the ~~steps~~ acts of:

[[a]] providing on said record carrier ~~(10)~~ a predetermined navigation area ~~(DN)~~;

[[b]] writing on said navigation area ~~(DN)~~ at least one predetermined parameter specifying at least one of a logical format and an application format used on said record carrier ~~(10)~~; and

[[c]] using said at least one predetermined parameter for at least one of a read access and a write access to said record carrier ~~(10)~~;

wherein writing is performed at a rate higher than an access pattern information for sequential data retrieval.

27. (New) The drive device of claim 1, wherein said at least one predetermined parameter further specifies an allocation history of volatile files and, based on the history, said access means being further configured to re-allocate volatile files if written as many times as half an expected recyclability of the record carrier.

28. (New) The drive device of claim 1, wherein said access



means is further configured to present an application with the predetermined navigation area for writing desired data in the predetermined navigation area for allowing the drive device to recognize a file on the record carrier without understanding content of the file.

29.(New) The record carrier of claim 21, wherein said at least one predetermined parameter further specifies an allocation history of volatile files.

30.(New) The record carrier of claim 21, said at least one predetermined parameter allows a device to recognize a file on the record carrier without understanding content of the file.

31.(New) The method of claim 26, wherein said at least one predetermined parameter further specifies an allocation history of volatile files, and the method further comprising the act of re-allocating volatile files if written as many times as half an expected recyclability of the record carrier as determined from the history.

32.(New) The method of claim 26, further comprising the act of presenting an application with the predetermined navigation area for writing desired data in the predetermined navigation area for allowing a device to recognize a file on the record carrier without understanding content of the file.